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Kamangar, F.; Rao, K.;
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[Abstract] [PDF Full-Text (1576 KB)] **IEEE JNL**

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[Abstract] [PDF Full-Text (272 KB)] **IEEE CNF**

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8 **Transform coding of monochrome and color images using trellis coded quantization**

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10 **DCT/DPCM Processing of NTSC Composite Video Signal**

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11 **Absolute Moment Block Truncation Coding and Its Application to Color Images**

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Page(s): 1148 -1157

[Abstract] [PDF Full-Text (1864 KB)] **IEEE JNL**

12 **Image Compression Using Adaptive Vector Quantization**

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[Abstract] [PDF Full-Text (1936 KB)] **IEEE JNL**

13 **Interpolative vector quantization of color images**
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[Abstract] [PDF Full-Text (884 KB)] **IEEE JNL**

14 **Subband/VQ coding of color images with perceptually optimal bit allocation**
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[Abstract] [PDF Full-Text (1236 KB)] **IEEE JNL**

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Inventor Name Search Result

Your Search was:

Last Name = IOURCHA
First Name = KONSTANTINE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60447862	Not Issued	019	02/13/2003	METHOD AND APPARATUS FOR BLOCK BASED IMAGE COMPRESSION WITH MULTIPLE NON-UNIFORM BLOCK ENCODINGS	IOURCHA, KONSTANTINE
60326693	Not Issued	020	10/01/2001	SYSTEM AND METHOD FOR OPTIMIZED ILLUMINATION COMPUTATION	IOURCHA, KONSTANTINE
60204213	Not Issued	159	05/12/2000	SELECTIVE SUPER-SAMPLING/ADAPTIVE ANTI-ALIASING OF COMPLEX 3D DATA	IOURCHA, KONSTANTINE
60204085	Not Issued	159	05/12/2000	MATCHED TEXTURE FILTER DESIGN FOR RENDERING MULTI-RATE DATA SAMPLES	IOURCHA, KONSTANTINE
60195230	Not Issued	159	04/06/2000	SHADOW RENDERING SYSTEM AND METHOD	IOURCHA, KONSTANTINE
60193736	Not Issued	159	03/30/2000	SPAN BASED Z-BUFFER	IOURCHA, KONSTANTINE
60096324	Not Issued	159	08/12/1998	APPARATUS AND METHOD FOR TEXTURE MAPPING	IOURCHA , KONSTANTINE
60095995	Not Issued	159	08/10/1998	RATIO ENGINE FOR GRAPHIC INTERPOLATION	IOURCHA , KONSTANTINE
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09855322	Not Issued	071	05/14/2001	MATCHED TEXTURE FILTER DESIGN FOR RENDERING MULTI-RATE DATA SAMPLES	IOURCHA, KONSTANTINE I
09855280	Not Issued	041	05/14/2001	SELECTIVE SUPER-SAMPLING/ADAPTIVE ANTI-	IOURCHA, KONSTANTINE I

				ALIASING OF COMPLEX 3D DATA	
09823163	Not Issued	041	03/30/2001	AREA AND SPAN BASED Z-BUFFER	IOURCHA, KONSTANTINE I.
09664988	Not Issued	094	09/18/2000	SYSTEM FOR LOW MISS RATE REPLACEMENT OF TEXTURE CACHE LINES	IOURCHA, KONSTANTINE
09664283	Not Issued	061	09/18/2000	SHADOW RENDERING SYSTEM AND METHOD	IOURCHA, KONSTANTINE
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09374074	Not Issued	160	08/12/1999	APPARATUS AND METHOD FOR TEXTURE MAPPING	IOURCHA , KONSTANTINE
09373914	6373496	150	08/12/1999	PARALLEL TEXTURE MAPPING AND MIP MAP LEVEL CALCULATIONS WITH A JACOBIAN	IOURCHA , KONSTANTINE
09371972	Not Issued	041	08/10/1999	SYSTEM AND METHOD FOR RASTERIZING PRIMITIVES USING DIRECT INTERPOLATION	IOURCHA , KONSTANTINE I.
09351930	Not Issued	080	07/12/1999	FIXED-RATE BLOCK-BASED IMAGE COMPRESSION WITH INFERRED PIXEL VALUES	IOURCHA , KONSTANTINE I.
09195845	6304268	150	11/19/1998	TRILINEAR TEXTURE FILTERING OF TWO LEVELS OF DETAIL BASED ON A SINGLE LEVEL OF DETAIL	IOURCHA , KONSTANTINE I.
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08942860	5956431	150	10/02/1997	SYSTEM AND METHOD FOR FIXED-RATE BLOCK-BASED IMAGE COMPRESSION WITH INFERRED PIXEL VALUES	IOURCHA , KONSTANTINE I.

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	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3
1	382/253	382/166; 382/232; 382/233		Iourcha, Konstantine I. et al.	☒	☐	☐	☐	☐
2	345/593			Iverson, Vaughn S. et al.	☒	☐	☐	☐	☐
3	382/162	341/106; 358/1.9; 358/500; 382/272		Gharavi, Hamid	☒	☐	☐	☐	☐

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1	☐	☐	US 5956431	☐
2	☐	☐	US 5459486	☐
3	☐	☐	US 4613948	☐

	U	1	Document ID	Issue Date	Pages	Title
1	☐	☐	US 5956431 A	19990921	28	System and method for fixed-rate block-based image compression with inferred pixel values
2	☐	☐	US 5459486 A	19951017	15	Method and apparatus for combining palettes of color quantized images
3	☐	☐	US 4613948 A	19860923	15	Conditional quantization grey level and color image coding apparatus

	U	1	Document ID	Issue Date	Pages	Title
1	☐	☐	JP 2002238060 A	20020823	15	IMAGE-CODING METHOD, IMAGE CODER, PROGRAM AND RECORDING MEDIUM
2	☐	☐	JP 2001203899 A	20010727	36	METHOD AND DEVICE FOR QUANTIZING COLOR
3	☐	☐	JP 11178000 A	19990702	1	IMAGE PROCESSOR
4	☐	☐	JP 06296237 A	19941021	10	DECODING METHOD
5	☐	☐	JP 05216993 A	19930827	6	PICTURE CLIPPING DEVICE
6	☐	☐	JP 05205044 A	19930813	8	IMAGE COLOR COMPRESSING METHOD
7	☐	☐	WO 9918537 A1	19990415	60	SYSTEM AND METHOD FOR FIXED-RATE BLOCK-BASED IMAGE COMPRESSION WITH INFERRED PIXEL VALUES

	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3
1				MORIMOTO, NAOKI et al.	☒	☐	☐	☐	☐
2				COUWENBERG, WILHELMUS JOHANNES et al.	☒	☐	☐	☐	☐
3				TERADA, KAZUTO et al.	☒	☐	☐	☐	☐
4				WATAYA, MASAFUMI	☒	☐	☐	☐	☐
5				SHIGENAGA, SATORU et al.	☒	☐	☐	☐	☐
6				ODA, TOSHIYUKI et al.	☒	☐	☐	☐	☐
7				IOURCHA, KONSTANTINE et al.	☒	☐	☐	☐	☐

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3	☐	☐	JP 11178000	☐
4	☐	☐	JP 06296237 A	☐
5	☐	☐	JP 05216993 A	☐
6	☐	☐	JP 05205044 A	☐
7	☐	☐	WO 9918537 A1	☐

PAT-NO: JP405216993A

DOCUMENT-IDENTIFIER: JP 05216993 A

TITLE: PICTURE CLIPPING DEVICE

PUBN-DATE: August 27, 1993

INVENTOR-INFORMATION:
NAME
SHIGENAGA, SATORU
ATOZAWA, NAOHITO
IINO, KOICHI

ASSIGNEE-INFORMATION:

NAME	COUNTRY
TOPPAN PRINTING CO LTD	N/A

APPL-NO: JP04018793

APPL-DATE: February 4, 1992

INT-CL (IPC): G06F015/70

ABSTRACT:

PURPOSE: To provide a device which clips a picture constituted of the combination of several colors and patterns without setting a troublesome clipping condition.

CONSTITUTION: In picture data inputted from a picture inputting means (a), block division picture data divided into small block units are prepared by a block dividing means (b), and color quantization picture data performed for a grouping by each similar color are prepared by a color quantizing means (c). A

picture block including an outline part is indicated and selected from among
the block division picture data displayed at a display means (d) by an outline
block setting means (e). An outline part setting means (f) exactly segments an
outline from the selected block picture by using the color quantization picture
data. and mask data are prepared based on the data by a mask preparing means
(g). The area of the picture data corresponding to the mask data are extracted
so that a desired clipped picture can be obtained.

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